

EXHIBIT C

Paragraph 22 of the declaration asserts that the pressure in chamber 54 will increase as a result of an increased pressure loss in tube 64. The increased pressure loss is illustrated in the accompanying graph, which shows a two-phase multiplier as a function of the Martinelli Parameter. The Martinelli Parameter is a measure of increasing oil content in the mixed phase fluid; the multiplier is an indicator of increased pressure drop (i.e. increased pressure loss). I have created this graph based on material contained in the following reference:

Lockhart, R. W., Martinelli, R.C., "Proposed Correlation of Data for Isothermal Two-Phase, Two-Component Flow in Pipes", Chem. Engng. Progr. 45, 39-48, (1949)

